

Chapter 3

PRE-SERVICE ELEMENTARY SCHOOL TEACHERS' OUTLOOK ON VALUES EDUCATION IN SOCIAL STUDIES LESSONS: RELATIONS BETWEEN SELF-EFFICACY BELIEFS, TEACHING EFFICACY BELIEFS, EXPECTANCY OF SUCCESS, AND PLANNED EFFORT

Şahin DÜNDAR¹

INTRODUCTION

The giant steps in science and technology in recent years have brought about rapid social change in sought and unsought aspects, and these changes have been an effective factor in causing an increase of confusion regarding values at individual and societal levels (Glenn & Gennaro, 1975; Ornstein & Levine, 1997). This is an undesired outcome given the fact that values have important implications for personal and social welfare because they guide human behavior (Turner, 2004). The influence of values on individual and social life has led to a renewed interest in values education, especially in the quality and effectiveness of values education in schools, apart from the debate whether values should be taught in schools or not (Allen & Stevens, 1998). However, despite the dramatic increase in research concerning values education recently, there exists a paucity of research on pre-/in-service teachers' efficacy beliefs in relation to values education (Cetin, 2016; Çetin, 2016; Şahin & Katılmış, 2016). This study, therefore, set out to make a contribution to the growing area of research on values education by exploring the relations between pre-service elementary school teachers' self-efficacy beliefs in values education, their beliefs in how effective teachers can be in teaching values to students despite the possible negative effects of external factors, the expectancy of success in providing values education, and planned efforts for values education in social studies lessons.

Teacher Self-Efficacy Beliefs

Self-efficacy is defined by Bandura (1997) as “beliefs in one's capabilities to organize and execute the courses of action required to produce given attainments” (p. 3). Perceived self-efficacy has been one of the most studied variables relating

¹ Assoc. Prof., Trakya University, Faculty of Education, Edirne, Turkey, sahindundar@hotmail.com

service teacher training programs of Turkey (Baş et al., 2016; Çelikkaya & Öztürk Demirbaş, 2013; Duban & Aydoğdu, 2016; Şahinkayasi & Kelleci, 2013). However, on this point, adding the Character and Value Education course as a compulsory course in some of the updated undergraduate teacher training programs in 2018, including the Elementary Education Teacher Education Program, can be considered a very positive development (Council of Higher Education [CoHE/YÖK], 2018) because studies (Kılcan, 2016; Topkaya, 2016) have shown that courses on values education contribute conclusively to pre-service teachers' knowledge and skills in values education.

LIMITATIONS AND SUGGESTIONS FOR FUTURE RESEARCH

In this study, possible sources of negative effects on the teachers' values education given to students were limited to the media, friends, and parents. However, in addition to these, the adverse influence of factors originating from the education system (prioritizing academic goals, examination system, etc.), the social environment in general, the importance attributed to values, the personalities of students, and the school environment was also emphasized in earlier studies (Aksoy, 2017; Balcı & Yanpar Yelken, 2013; Başcı Namlı, 2017; Çelikkaya & Filoğlu, 2014; Çelikkaya & Öztürk Demirbaş, 2013; Çelikkaya & Yılmaz, 2017; Çelikkaya, Başarmak, Filoğlu, & Şahin, 2014; Duban & Aydoğdu, 2016; Katılmış, 2017; Kurt dede Fidan, 2013; Topkaya, 2016). Therefore, different external factors may also be included in future research.

This study adopted a quantitative approach, using convenience sampling and scales to collect data. Quantitative research with sampling based on probability and qualitative research using interviews and observations (Creswell, 2012) would be helpful to corroborate the findings of the present study and gain a better and deeper understanding of the relations between variables examined in this study.

REFERENCES

- Aksoy, E. (2017). *İlkokullarda değerler eğitiminde etkili olan faktörlere ilişkin sınıf öğretmenlerinin görüşlerinin değerlendirilmesi* (Tez No. 470010) [Evaluation of the opinions of the class teachers on the factors that are effective in values education in primary schools] [Yüksek Lisans Tezi, Siirt Üniversitesi, Siirt]. Yükseköğretim Kurulu Ulusal Tez Merkezi Veri Tabanı.
- Allen, M. G., & Stevens, R. L. (1998). *Middle grades social studies: Teaching and learning for active and responsible citizenship* (2nd Ed.). Boston: Allyn & Bacon.
- Atkinson, J. W. (1957). Motivational determinants of risk-taking behavior. *Psychological Review*, 64(6), 359-372. <https://doi.org/10.1037/h0043445>
- Atkinson, J. W. (1964). *An introduction to motivation*. Princeton, NJ: D. Van Nostrand Company.

- Avcı, E. (2011). *İlköğretim sosyal bilgiler öğretmenlerinin karakter eğitimine dair öz-yeterliliklerinin incelenmesi* (Tez No. 298407) [Investigation of the self-efficacy of character education pertaining to primary education social studies teachers] [Doktora Tezi, Gazi Üniversitesi, Ankara]. Yükseköğretim Kurulu Ulusal Tez Merkezi Veri Tabanı.
- Balcı, F. A., & Yanpar Yelken, T. (2013). İlköğretim sosyal bilgiler programında yer alan değerler ve değer eğitimi uygulamaları konusunda öğretmen görüşleri [Teachers' opinions about the values in primary education social studies curriculum and values education]. *Ahi Evran Üniversitesi Kırşehir Eğitim Fakültesi Dergisi (KEFAD)*, 14(1), 195-213. http://kefad.ahievran.edu.tr/InstitutionArchiveFiles/f44778c7-ad4a-e711-80ef-00224d68272d/d1a3a581-af4a-e711-80ef-00224d68272d/Cilt14Sayi1/JKEF_14_1_2013_195_213.pdf
- Bandura, A. (1977). Self-efficacy: Toward a unifying theory of behavioral change. *Psychological Review*, 84(2), 191-215. <https://doi.org/10.1037/0033-295X.84.2.191>
- Bandura, A. (1997). *Self-efficacy: The exercise of control*. New York: W. H. Freeman and Company.
- Baron, R. M., & Kenny, D. A. (1986). The moderator-mediator variable distinction in social psychological research: Conceptual, strategic, and statistical considerations. *Journal of Personality and Social Psychology*, 51(6), 1173-1182. doi:10.1037//0022-3514.51.6.1173
- Baş, G., & Beyhan, Ö. (2012). Türkiye'de değerler eğitimi konusunda yapılmış lisansüstü tezlerin farklı değişkenler açısından değerlendirilmesi [Evaluation of graduate theses on values education in Turkey in terms of different variables]. *Değerler Eğitimi Dergisi*, 10(24), 55-77. <https://ded.dem.org.tr/gorsel/pdf/ded-24-makale-3.pdf>
- Baş, K., Taşkıran, C., & Bulut, B. (2016). Sosyal bilgiler öğretmenlerinin değerler eğitime yönelik görüşleri [Views of social studies teachers on values education]. *Uluslararası Türk Eğitim Bilimleri Dergisi*, 4(6), 75-84. <https://dergipark.org.tr/tr/download/article-file/404872>
- Başcı Namlı, Z. (2017). Sınıf öğretmenlerinin perspektifinden değerler eğitiminin incelenmesi: Erzurum örneği [Examining values education from the perspective of class teachers: Sample of Erzurum]. *İnsan ve Toplum Bilimleri Araştırmaları Dergisi*, 6(1), 343-367. <http://www.itobiad.com/tr/download/article-file/316670>
- Betoret, F. D. (2006). Stressors, self-efficacy, coping resources, and burnout among secondary school teachers in Spain. *Educational Psychology*, 26(4), 519-539. <https://doi.org/10.1080/01443410500342492>
- Bills, L., & Husbands, C. (2005). Values education in the mathematics classroom: Subject values, educational values and one teacher's articulation of her practice. *Cambridge Journal of Education*, 35(1), 7-18. <https://doi.org/10.1080/0305764042000332461>
- Boström, E., & Palm, T. (2020). Expectancy-value theory as an explanatory theory for the effect of professional development programmes in formative assessment on teacher practice. *Teacher Development*, 24(4), 539-558. <https://doi.org/10.1080/13664530.2020.1782975>
- Bray-Clark, N., & Bates, R. (2003). Self-efficacy beliefs and teacher effectiveness: Implications for professional development. *The Professional Educator*, 26(1), 13-22. <https://files.eric.ed.gov/fulltext/EJ842387.pdf>
- Byrne, B. M. (2010). *Structural equation modeling with AMOS: Basic concepts, applications, and programming* (2nd ed.). New York, NY: Routledge.
- Caprara, G. V., Barbaranelli, C., Steca, P., & Malone, P. S. (2006). Teachers' self-efficacy beliefs as determinants of job satisfaction and students' academic achievement: A

- study at the school level. *Journal of School Psychology*, 44(6), 473-490. <https://doi.org/10.1016/j.jsp.2006.09.001>
- Carroll, M. H. (2016). *Graphic communications teachers' concerns and beliefs regarding their online teaching of graphic communications hands-on classes* [Doctoral dissertation, Faculty of Virginia Polytechnic Institute and State University, Blacksburg, Virginia]. <https://vtechworks.lib.vt.edu/handle/10919/79900>
- Cetin, F. (2016). Developing a scale to measure prospective teachers' self-efficacy belief in value education. *Revista de Cercetare si Interventie Sociala*, 53, 39-54. https://www.rcis.ro/images/documente/rcis53_03.pdf
- Chemers, M. M., Hu, L.-T., & Garcia, B. F. (2001). Academic self-efficacy and first-year college student performance and adjustment. *Journal of Educational Psychology*, 93(1), 55-64. <https://doi.org/10.1037/0022-0663.93.1.55>
- Cho, Y., & Shim, S. S. (2013). Predicting teachers' achievement goals for teaching: The role of perceived school goal structure and teachers' sense of efficacy. *Teaching and Teacher Education*, 32, 12-21. <https://doi.org/10.1016/j.tate.2012.12.003>
- Council of Higher Education [CoHE/YÖK]. (2018). *Yeni öğretmen yetiştirme lisans programları* [New undergraduate teacher training programs]. <https://www.yok.gov.tr/kurumsal/idari-birimler/egitim-ogretim-dairesi/yeni-ogretmen-yetistirme-lisans-programlari>
- Creswell, J. W. (2012). *Educational research: Planning, conducting, and evaluating quantitative and qualitative research* (4th ed.). Boston, MA: Pearson Education.
- Çelikkaya, T., & Filoğlu, S. (2014). Sosyal bilgiler öğretmenlerinin değere ve değer eğitime ilişkin görüşleri [Attitudes of social studies teachers toward value and values education]. *Kuram ve Uygulamada Eğitim Bilimleri*, 14(4), 1541-1556. doi: 10.12738/estp.2014.4.1605
- Çelikkaya, T., & Öztürk Demirbaş, Ç. (2013). Sosyal bilgiler öğretmen adaylarının sosyal bilgiler öğretim programındaki değerlere ilişkin görüşleri [Social studies preservice teachers' opinions regarding values in social studies curriculum]. *The Journal of Academic Social Science Studies*, 6(5), 527-556. <http://dx.doi.org/10.9761/JASSS1617>
- Çelikkaya, T., & Yılmaz, T. (2017). Değerler eğitime ilişkin öğretmen, öğrenci ve velilerin karşılıklı beklentileri. *Researcher: Social Science Studies*, 5(9), 395-416. <http://dx.doi.org/10.18301/rss.328>
- Çelikkaya, T., Başarmak, U., Filoğlu, S., & Şahin, B. (2014). Teacher-parents' relations in the efficiency of the value education. *Procedia-Social and Behavioral Sciences*, 116, 1106-1113. <https://doi.org/10.1016/j.sbspro.2014.01.353>
- Çetin, F. (2016). Determination of value education self-efficacy beliefs of prospective teachers. *International Online Journal of Educational Sciences*, 8(4), 88-96. https://iojes.net/?mod=tammetin&makaleadi=&makaleurl=IOJES_2331.pdf&key=40796
- de Jesus, S. N., & Lens, W. (2005). An integrated model for the study of teacher motivation. *Applied Psychology: An International Review*, 54(1), 119-134. <https://doi.org/10.1111/j.1464-0597.2005.00199.x>
- Demirel, M. (2009). Sınıf öğretmenlerinin ve okul yöneticilerinin karakter eğitime ilişkin öz-yeterlik inançları [Self-efficacy beliefs of elementary teachers and school principals for character education]. *Hacettepe Üniversitesi Eğitim Fakültesi Dergisi*, 37, 36-49. <https://dergipark.org.tr/tr/download/article-file/87535>
- Depaepe, F., & König, J. (2018). General pedagogical knowledge, self-efficacy and instructional practice: Disentangling their relationship in pre-service teacher education. *Teaching and Teacher Education*, 69, 177-190. <https://doi.org/10.1016/j.tate.2018.05.001>

tate.2017.10.003

- Dietrich, J., Viljaranta, J., Moeller, J., & Kracke, B. (2017). Situational expectancies and task values: Associations with students' effort. *Learning and Instruction*, 47, 53-64. <https://doi.org/10.1016/j.learninstruc.2016.10.009>
- Donnell, L. A., & Gettinger, M. (2015). Elementary school teachers' acceptability of school reform: Contribution of belief congruence, self-efficacy, and professional development. *Teaching and Teacher Education*, 51, 47-57. <http://dx.doi.org/10.1016/j.tate.2015.06.003>
- Duban, N., & Aydoğdu, B. (2016). Values education from perspectives of classroom teachers. *European Journal of Social Sciences Education and Research*, 3(3), 80-88. http://journals.euser.org/files/articles/ejsr_may_aug_16/Nil.pdf
- Dündar, H., & Hareket, E. (2016). Değerler eğitimi araştırmalarında yönelimler: Değerler Eğitimi Dergisi örneği [Tendencies in values education researches: Instance of Journal of Values Education]. *Akademik Bakış Dergisi*, 55, 207-231. <https://www.akademikbakis.org/file/55.pdf>
- Eccles (Parsons) J., Adler, T. F., Futterman, R., Goff, S. B., Kaczala, C. M., Meece, J. L., & Midgley, C. (1983). Expectancies, values, and academic behaviors. In J. T. Spence (Ed.), *Achievement and achievement motives: Psychological and sociological approaches* (pp. 75-146). San Francisco: W. H. Freeman Company.
- Eccles, J. S., & Wigfield, A. (1995). In the mind of the actor: The structure of adolescents' achievement task values and expectancy-related beliefs. *Personality and Social Psychology Bulletin*, 21(3), 215-225. <https://doi.org/10.1177/0146167295213003>
- Eccles, J. S., & Wigfield, A. (2002). Motivational beliefs, values, and goals. *Annual Review of Psychology*, 53, 109-132. <https://doi.org/10.1146/annurev.psych.53.100901.135153>
- Eren, A. (2009). Examining teacher efficacy and achievement goals as predictors of Turkish student teachers' conceptions about teaching and learning. *Australian Journal of Teacher Education*, 34(1), 69-87. <http://dx.doi.org/10.14221/ajte.2009v34n1.6>
- Eren, A., & Tezel, K. V. (2010). Factors influencing teaching choice, professional plans about teaching, and future time perspective: A mediational analysis. *Teaching and Teacher Education*, 26(7), 1416-1428. <https://doi.org/10.1016/j.tate.2010.05.001>
- Fackler, S., & Malmberg, L.-E. (2016). Teachers' self-efficacy in 14 OECD countries: Teacher, student group, school and leadership effects. *Teaching and Teacher Education*, 56, 185-195. <http://dx.doi.org/10.1016/j.tate.2016.03.002>
- Ferguson, L. M. (2019). Expectancy-value theory of achievement motivation: How perceived racial prejudice can influence ability beliefs, expectancy beliefs and subject task value of Métis post-secondary students. *Aboriginal Policy Studies*, 8(1), 25-46. <https://doi.org/10.5663/aps.v8i1.29341>
- Field, A. (2009). *Discovering statistics using SPSS* (3rd ed.). London: Sage Publications
- Gao, Z., Lee, A. M., & Harrison, L. (2008). Understanding students' motivation in sport and physical education: From the expectancy-value model and self-efficacy theory perspectives. *Quest*, 60(2), 236-254. <https://doi.org/10.1080/00336297.2008.10483579>
- Ghaith, G., & Yaghi, H. (1997). Relationships among experience, teacher efficacy, and attitudes toward the implementation of instructional innovation. *Teaching and Teacher Education*, 13(4), 451-458. [https://doi.org/10.1016/S0742-051X\(96\)00045-5](https://doi.org/10.1016/S0742-051X(96)00045-5)
- Gibson, S., & Dembo, M. H. (1984). Teacher efficacy: A construct validation. *Journal of Educational Psychology*, 76(4), 569-582. <https://doi.org/10.1037/0022-0663.76.4.569>
- Glenn, A. D., & Gennaro, E. D. (1975). An interdisciplinary approach for exploring values and value questions for social studies and science teachers. *The High School Journal*,

- 58(5), 208-223. <https://www.jstor.org/stable/40365986>
- Gözler, A., Haskuş, A., Ayhan, B., Karşlı, E., & Akın, Z. (2020). Değerler eğitimi kapsamında hazırlanan bilimsel çalışmaların farklı değişkenler göre incelenmesi [Analysis of the articles on moral education according to different variables]. *Ahi Evran Üniversitesi Sosyal Bilimler Enstitüsü Dergisi (AEÜSBED)*, 6(1), 224-241. <https://doi.org/10.31592/aeusbed.677048>
- Guskey, T. R., & Passaro, P. D. (1994). Teacher efficacy: A study of construct dimensions. *American Educational Research Journal*, 31(3), 627-643. <https://www.jstor.org/stable/1163230>
- Güçlü, M. (2015). Türkiye’de değerler eğitimi konusunda yapılan araştırmalar [Studies conducted on values education in Turkey]. *Uluslararası Sosyal Araştırmalar Dergisi*, 8(38), 720-732. https://www.sosyalarastirmalar.com/cilt8/sayi38pdf/5egitim/guclu_mustafa.pdf
- Halstead, J. M., & Taylor, M. J. (2000). Learning and teaching about values: A review of recent research. *Cambridge Journal of Education*, 30(2), 169-202. <https://doi.org/10.1080/713657146>
- Ho, I. T., & Hau, K.-T. (2004). Australian and Chinese teacher efficacy: Similarities and differences in personal instruction, discipline, guidance efficacy and beliefs in external determinants. *Teaching and Teacher Education*, 20(3), 313-323. <https://doi.org/10.1016/j.tate.2003.09.009>
- Hofmann-Towfigh, N. (2007). Do students’ values change in different types of schools?. *Journal of Moral Education*, 36(4), 453-473. <https://doi.org/10.1080/03057240701688010>
- Hood, M., Creed, P. A., & Neumann, D. L. (2012). Using the expectancy value model of motivation to understand the relationship between student attitudes and achievement in statistics. *Statistics Education Research Journal*, 11(2), 72-85. [https://www.stat.auckland.ac.nz/~iase/serj/SERJ11\(2\)_Hood.pdf](https://www.stat.auckland.ac.nz/~iase/serj/SERJ11(2)_Hood.pdf)
- Hoy, W. K., & Woolfolk, A. E. (1993). Teachers’ sense of efficacy and the organizational health of schools. *The Elementary School Journal*, 93(4), 355-372. <https://www.jstor.org/stable/1002017>
- Hu, L.-T., & Bentler, P. M. (1999). Cutoff criteria for fit indexes in covariance structure analysis: Conventional criteria versus new alternatives. *Structural Equation Modeling: A Multidisciplinary Journal*, 6(1), 1-55. <https://doi.org/10.1080/10705519909540118>
- Kan, Ç. (2010). Sosyal bilgiler dersi ve değerler eğitimi [Social studies course and values education]. *Millî Eğitim*, 187, 138-145. <https://dergipark.org.tr/tr/download/article-file/442731>
- Kapkın, B., Çalışkan, Z., & Sağlam, S. (2018). Türkiye’de 1999-2017 yılları arasında değerler eğitimi alanında yapılmış lisansüstü çalışmaların incelenmesi [Examination of postgraduate studies on values education conducted between 1999-2017 in Turkey]. *Değerler Eğitimi Dergisi*, 16(35), 185-209. <https://dergipark.org.tr/tr/download/article-file/515345>
- Karsantık, İ., & Özgenel, M. (2018). Okul yöneticilerinin karakter eğitimi yeterlik inançlarının bazı değişkenlere göre incelenmesi [Investigation of school administrators’ character education efficacy beliefs in terms of several variables]. *Değerler Eğitimi Dergisi*, 16(35), 211-233. <https://ded.dem.org.tr/gorsel/pdf/ded-35-makale-8.pdf>
- Katılmış, A. (2017). Values education as perceived by social studies teachers in objective and practice dimensions. *Educational Sciences: Theory & Practice*, 17(4), 1231-1254. <http://dx.doi.org/10.12738/estp.2017.4.0570>
- Keskin, Y. (2008). Türkiye’de sosyal bilgiler öğretim programlarında değerler eğitimi: Tarihsel

- gelişim, 1998 ve 2004 programlarının etkililiğinin araştırılması (Tez No. 226374) [Values education in social studies teaching curriculums at Turkey: Historical development, researching of 1998 and 2004 curriculums effectiveness] [Doktora Tezi, Marmara Üniversitesi, İstanbul]. Yükseköğretim Kurulu Ulusal Tez Merkezi Veri Tabanı.
- Kılcan, B. (2016). Öğretmen adaylarının, değerlerin kazandırılmasına yönelik görüşleri ile değerler eğitimine ilişkin algılarında değerler eğitimi dersinin rolü [The effect of the values education course on pre-service teachers' views about introducing values to students and on their perceptions regarding the values education]. *Uluslararası Sosyal Araştırmalar Dergisi*, 9(45), 605-618. https://www.sosyalarastirmalar.com/cilt9/sayi45_pdf/5egitim/kilcan_bahadir.pdf
- Klassen, R. M., & Chiu, M. M. (2011). The occupational commitment and intention to quit of practicing and pre-service teachers: Influence of self-efficacy, job stress, and teaching context. *Contemporary Educational Psychology*, 36(2), 114-129. <https://doi.org/10.1016/j.cedpsych.2011.01.002>
- Klassen, R., Wilson, E., Siu, A. F. Y., Hannok, W., Wong, M. W., Wongsri, N., Sonthisap, P., Pibulchol, C., Buranachaitavee, Y., & Jansem, A. (2013). Preservice teachers' work stress, self-efficacy, and occupational commitment in four countries. *European Journal of Psychology of Education*, 28, 1289-1309. <https://doi.org/10.1007/s10212-012-0166-x>
- Kurtdede Fidan, N. (2013). Sosyal bilgiler dersinde değerler eğitimi: Nitel bir araştırma [Value education in social studies lesson: A qualitative research]. *The Journal of Academic Social Science Studies*, 6(3), 361-388. https://jasstudies.com/?mod=tammetin&makaleadi=&makaleurl=1525651026_19Kurtdede%20Fidan%2CNuray_S-361-388.pdf&key=26640
- Leaper, C. (2011). More similarities than differences in contemporary theories of social development?: A plea for theory bridging. In J. B. Benson (Ed.), *Advances in child development and behavior* (pp. 337-378). San Diego: Elsevier. <https://doi.org/10.1016/B978-0-12-386491-8.00009-8>
- McLennan, B., McIlveen, P., & Perera, H. N. (2017). Pre-service teachers' self-efficacy mediates the relationship between career adaptability and career optimism. *Teaching and Teacher Education*, 63, 176-185. <http://dx.doi.org/10.1016/j.tate.2016.12.022>
- Merter, F., & Bozkurt, E. (2014). Sınıf öğretmenliği bölümü öğrencilerinin değerler eğitimine ilişkin görüşleri [Opinions of the undergraduates of class teaching department on values teaching]. *Turkish Studies-International Periodical for The Languages, Literature and History of Turkish or Turkic*, 9/5, 441- 451. <http://dx.doi.org/10.7827/TurkishStudies.7020>
- Miller, A. D., Ramirez, E. M., & Murdock, T. B. (2017). The influence of teachers' self-efficacy on perceptions: Perceived teacher competence and respect and student effort and achievement. *Teaching and Teacher Education*, 64, 260-269. <https://doi.org/10.1016/j.tate.2017.02.008>
- Milson, A. J. (2003). Teachers' sense of efficacy for the formation of students' character. *Journal of Research in Character Education*, 1(2), 89-106.
- Milson, A. J., & Ekşi, H. (2003). Öğretmenlerin karakter eğitiminde yetkinlik duygusu konusunda bir ölçme aracına doğru: Karakter Eğitimi Yetkinlik İnancı Skalası (KEYİS) ve Türkçeye uyarlanma çalışması [Toward a measure of teachers' sense of efficacy for character education: the character education efficacy belief instrument and its Turkish adaptation study]. *Değerler Eğitimi Dergisi*, 1(4), 99-130. <https://ded.dem.org.tr/gorsel/pdf/ded-4-makale-5.pdf>
- Milson, A. J., & Mehlig, L. M. (2002). Elementary school teachers' sense of efficacy for

- character education. *The Journal of Educational Research*, 96(1), 47-53. <https://doi.org/10.1080/00220670209598790>
- Narvaez, D., Khmelkov, V., Vaydich, J. L., & Turner, J. C. (2008). Teacher self-efficacy for moral education: Measuring teacher self-efficacy for moral education. *Journal of Research in Character Education*, 6(2), 3-15.
- Nelson, M. J. (2020). *The effects of classroom and field experiences with technology on preservice teachers' beliefs and teaching practices* (Publication No. 28225745) [Doctoral Dissertation, The Ohio State University]. ProQuest Dissertations Publishing.
- Nurlu, Ö. (2015). Investigation of teachers' mathematics teaching self-efficacy. *International Electronic Journal of Elementary Education*, 8(1), 21-40. <https://iejee.com/index.php/IEJEE/article/view/95/92>
- O'Neill, S., & Stephenson, J. (2012). Exploring Australian pre-service teachers sense of efficacy, its sources, and some possible influences. *Teaching and Teacher Education*, 28(4), 535-545. <https://doi.org/10.1016/j.tate.2012.01.008>
- Ornstein, A. C., & Levine, D. U. (1997). *Foundations of education* (6th Ed.). Boston: Houghton Mifflin.
- Öz, G. (2019). *Sınıf öğretmenleri adaylarının empatik eğilim düzeylerinin değer öğretimi öz yeterlik algılarını yordayıcılığının incelenmesi* (Tez No. 583376) [Investigation of predicted the self efficacy of values education of empathic tendency levels of primary school teacher candidates] [Yüksek Lisans Tezi, Sakarya Üniversitesi]. Yükseköğretim Kurulu Ulusal Tez Merkezi Veri Tabanı.
- Pajares, F. (1996). Self-efficacy beliefs in academic settings. *Review of Educational Research*, 66(4), 543-578. <http://www.jstor.org/stable/1170653>
- Parkes, K. A., & Jones, B. D. (2012). Motivational constructs influencing undergraduate students' choices to become classroom music teachers or music performers. *Journal of Research in Music Education*, 60(1) 101-123. <https://doi.org/10.1177/0022429411435512>
- Perera, H. N., Calkins, C., & Part, R. (2019). Teacher self-efficacy profiles: Determinants, outcomes, and generalizability across teaching level. *Contemporary Educational Psychology*, 58, 186-203. <https://doi.org/10.1016/j.cedpsych.2019.02.006>
- Perez, T., Dai, T., Kaplan, A., Cromley, J. G., Brooks, W. D., White, A. C., Mara, K. R., & Balsai, M. J. (2019). Interrelations among expectancies, task values, and perceived costs in undergraduate biology achievement. *Learning and Individual Differences*, 72, 26-38. <https://doi.org/10.1016/j.lindif.2019.04.001>
- Preacher, K. J., & Leonardelli, G. J. (2010-2021). *Calculation for the Sobel test: An interactive calculation tool for mediation tests*. <http://quantpsy.org/sobel/sobel.htm>
- Sağlam, E., & Genç, S. Z. (2015). *İlkokul 4. sınıf sosyal bilgiler programındaki değerlerin kazandırılması sürecinde karşılaşılan güçlüklerin değerlendirilmesi* [Evaluation of the difficulties in the process gaining of values in social studies curriculum in primary school 4th classes]. *Eğitim ve Öğretim Araştırmaları Dergisi*, 4(2), 106-118. http://www.jret.org/FileUpload/ks281142/File/11..ersin_saglam.pdf
- Sarıcan, E. (2006). *1998 ile 2004 sosyal bilgiler dersi öğretim programlarının vatandaşlık değerleri açısından karşılaştırılması* (Tez No. 191617) [A comparison between 1998 and 2004 social studies curricula from the point of view of citizenship] [Yüksek Lisans Tezi, Marmara Üniversitesi, İstanbul]. Yükseköğretim Kurulu Ulusal Tez Merkezi Veri Tabanı.
- Schermelleh-Engel, K., Moosbrugger, H., & Müller, H. (2003). Evaluating the fit of structural equation models: Tests of significance and descriptive goodness-of-fit measures. *Methods of Psychological Research Online*, 8(2), 23-74. <http://www.dgps.de/>

fachgruppen/methoden/mpo-online/

- Schreiber, J. B., Nora, A., Stage, F. K., Barlow, E. A. & King, J. (2006). Reporting structural equation modeling and confirmatory factor analysis results: A review. *The Journal of Educational Research*, 99(6), 323-338. <https://doi.org/10.3200/JOER.99.6.323-338>
- Skaalvik, E. M., & Skaalvik, S. (2007). Dimensions of teacher self-efficacy and relations with strain factors, perceived collective teacher efficacy, and teacher burnout. *Journal of Educational Psychology*, 99(3), 611-625. <http://dx.doi.org/10.1037/0022-0663.99.3.611>
- Skaalvik, E. M., & Skaalvik, S. (2014). Teacher self-efficacy and perceived autonomy: Relations with teacher engagement, job satisfaction, and emotional exhaustion. *Psychological Reports*, 114(1), 68-77. <https://doi.org/10.2466/14.02.PR0.114k14w0>
- Sobel, M. E. (1982). Asymptotic confidence intervals for indirect effects in structural equation models. *Sociological Methodology*, 13, 290-312. <https://doi.org/10.2307/270723>
- Song, J. H., & Lim, D. H. (2015). Mediating analysis approaches: Trends and implications for advanced applications in HRD research. *Advances in Developing Human Resources*, 17(1), 57-71. <https://doi.org/10.1177/1523422314559807>
- Soodak, L. C., & Podell, D. M. (1996). Teacher efficacy: Toward the understanding of a multi-faceted construct. *Teaching and Teacher Education*, 12(4), 401-411. [https://doi.org/10.1016/0742-051X\(95\)00047-N](https://doi.org/10.1016/0742-051X(95)00047-N)
- Soriano, E., Franco, C., & Sleeter, C. (2011). The impact of a values education programme for adolescent Romanies in Spain on their feelings of self-realisation. *Journal of Moral Education*, 40(2), 217-235. <https://doi.org/10.1080/03057240.2011.568104>
- Şahin, T., & Katılmış, A. (2016). Sosyal bilgiler öğretmen adaylarının değerler eğitimi öz-yeterlilikleri [The social studies prospective teachers' self-efficacy in values education]. *Alan Eğitimi Araştırmaları Dergisi (ALEG)*, 2(1), 1-16. <https://dergipark.org.tr/tr/download/article-file/266970>
- Şahinkayasi, Y., & Kelleci, Ö. (2013). Elementary school teachers' views on values education. *Procedia-Social and Behavioral Sciences*, 93, 116-120. <https://doi.org/10.1016/j.sbspro.2013.09.162>
- Tatman, R. G. (2007). *The development and validation of the administrator character education efficacy belief instrument* (Publication No. 3264365) [Doctoral Dissertation, Sam Houston State University]. ProQuest Dissertations Publishing.
- Tay, B., & Yıldırım, K. (2009). Sosyal bilgiler dersinde kazandırılması amaçlanan değerlere ilişkin veli görüşleri [Parents' views regarding the values aimed to be taught in social studies lessons]. *Kuram ve Uygulamada Eğitim Bilimleri*, 9(3), 1499-1542. <https://hdl.handle.net/20.500.12513/204>
- Topkaya, Y. (2016). Sosyal bilgiler öğretmenlerinin değer aktarım yaklaşımları hakkındaki görüşlerine ait nitel bir çalışma [The opinions of social studies teachers regarding value transfer approaches: A qualitative study]. *Ahi Evran Üniversitesi Kırşehir Eğitim Fakültesi Dergisi (KEFAD)*, 17(1), 637-652. <http://kefad.ahievran.edu.tr/Kefad/ArchiveIssues/PDF/367faf8d-d951-e711-80ef-00224d68272d>
- Trautwein, U., Lüdtke, O., Kastens, C., & Köller, O. (2006). Effort on homework in grades 5-9: Development, motivational antecedents, and the association with effort on classwork. *Child Development*, 77(4), 1094-1111. <https://www.jstor.org/stable/3878417>
- Tschannen-Moran, M., & McMaster, P. (2009). Sources of self-efficacy: four professional development formats and their relationship to self-efficacy and implementation of a new teaching strategy. *The Elementary School Journal* 110(2), 228-245. <https://doi.org/10.1086/605771>
- Tschannen-Moran, M., & Woolfolk Hoy, A. (2001). Teacher efficacy: Capturing an elusive

- construct. *Teaching and Teacher Education*, 17(7), 783-805. [https://doi.org/10.1016/S0742-051X\(01\)00036-1](https://doi.org/10.1016/S0742-051X(01)00036-1)
- Tschannen-Moran, M., Woolfolk Hoy, A., & Hoy, W. K. (1998). Teacher efficacy: Its meaning and measure. *Review of Educational Research*, 68(2), 202-248. <https://www.jstor.org/stable/1170754>
- Turkish Ministry of National Education [MoNE/MEB]. (2005). *İlköğretim sosyal bilgiler dersi öğretim programı ve kılavuzu (4. ve 5. sınıflar)* [Elementary education social studies lesson curriculum and guide (4th and 5th grades)]. Ankara: Devlet Kitapları Müdürlüğü.
- Turkish Ministry of National Education [MoNE/MEB]. (2018). *Sosyal bilgiler dersi öğretim programı (İlkokul ve ortaokul 4, 5, 6 ve 7. sınıflar)* [The social studies curriculum (Elementary and middle schools 4th, 5th, 6th, and 7th grades)]. <http://mufredat.meb.gov.tr/Dosyalar/201812103847686-SOSYAL%20B%C4%B0LG%C4%B0LER%20%C3%96%C4%9ERET%C4%B0M%20PROGRAMI%20.pdf>
- Turner, T. N. (2004). *Essentials of elementary social studies* (3rd Ed.). Boston: Pearson Education
- Ucar, H., & Yazıcı Bozkaya, M. (2016). Pre-service EFL teachers' self-efficacy beliefs, goal orientations, and participations in an online learning environment. *Turkish Online Journal of Distance Education-TOJDE*, 17(2), 15-29. <https://dergipark.org.tr/tr/download/article-file/222602>
- Waters, S., & Russell III, W. B. (2014). Preservice secondary teachers' sense of efficacy in teaching character education. *Journal of Education*, 194(2), 45-54. <https://doi.org/10.1177/002205741419400206>
- Watt, H. M. G., & Richardson, P. W. (2008). Motivations, perceptions, and aspirations concerning teaching as a career for different types of beginning teachers. *Learning and Instruction*, 18(5), 408-428. <https://doi.org/10.1016/j.learninstruc.2008.06.002>
- Wigfield, A. (1994). Expectancy-value theory of achievement motivation: A developmental perspective. *Educational Psychology Review*, 6(1), 49-78. <https://link.springer.com/article/10.1007/BF02209024>
- Wigfield, A., & Eccles, J. S. (2000). Expectancy-value theory of achievement motivation. *Contemporary Educational Psychology* 25(1), 68-81. <https://doi.org/10.1006/ceps.1999.1015>
- Wigfield, A., & Eccles, J. S. (2002). The development of competence beliefs, expectancies for success, and achievement values from childhood through adolescence. In A. Wigfield & J. S. Eccles (Eds.), *Development of achievement motivation* (pp. 91-120). Academic Press. <https://doi.org/10.1016/B978-012750053-9/50006-1>
- Yaşar, Ş., & Çengelci, T. (2012). Sosyal bilgiler dersinde değerler eğitime ilişkin bir durum çalışması [A case study regarding values education in social studies course]. *Uluslararası Avrasya Sosyal Bilimler Dergisi*, 3(9), 1-23. http://www.ijoess.com/Makaleler/591816596_SYasar&TCengelci.pdf
- Zee, M., & Koomen, H, M, Y (2016). Teacher self-efficacy and its effects on classroom processes, student academic adjustment, and teacher well-being: A synthesis of 40 years of research. *Review of Educational Research*, 86(4), 981-1015. <https://doi.org/10.3102/0034654315626801>
- Zhu, M., Liu, Q., Fu, Y., Yang, T., Zhang, X., & Shi, J. (2018). The relationship between teacher self-concept, teacher efficacy and burnout. *Teachers and Teaching*, 24(7), 788-801. <https://doi.org/10.1080/13540602.2018.1483913>